

2016-2017 Air Force JROTC Syllabus

Course Name: “A Journey into Aviation History” and “Life Skills and Career Opportunities”

Credit Hours: One

Instructors: Colonel Roberts and Chief Price

1. Program Orientation: Much more than just a high school science course. Aerospace Science (Air Force Junior ROTC program) places strong emphasis on citizenship, values, self-discipline, team work, and a strong work ethic. Helping to make the program unique is its identification with the US Air Force. Aerospace Science brings students together as a cohesive cadet group and is the basis for unique fellowship and “esprit de corps” not experienced in most high school courses. I must emphasize that the cadet corps (all the JROTC classes collectively) will be run **by and for the cadets** with the guidance of the Aerospace Science Instructors. The cadet corps and the overall AFJROTC program will be what you, the cadets, make of it.

2. AFJROTC Objectives: Participation in AFJROTC in no way obligates you for future military service. The instructors are **NOT** “recruiters” but rather retired military members who are full time employees of the Alachua County School System. We will not try to enlist any of you into the military, but stand ready to help you in the enlistment process if and only if you so desire. We will expose you to life in the military and the opportunities available in the aerospace community and then leave the decision up to you. To achieve the AFJROTC objectives, we expect you to develop over the course of the year:

- (1) An appreciation of the basic elements and requirements for US national security.
- (2) Respect for and understanding of the need for constituted authority in a democratic society.
- (3) A sense of patriotism & understanding of the citizens’ need/obligation to contribute to national security
- (4) Habits of orderliness and precision. Always doing your best in every task.
- (5) A high degree of personal honor, self-reliance, self-discipline, and leadership.
- (6) A broad based knowledge of the aerospace community and fundamental aerospace doctrine.
- (7) A basic knowledge of military skills to include drill, uniform wear, etc.
- (8) A knowledge of and appreciation for the traditions of the United States Air Force.
- (9) An interest in completing high school & pursuing higher educational goals to better prepare you for life.
- (10) An acquaintance with career opportunities available from the US military services.

3. Course Objectives:

- (1) Know the historical facts and impacts of the early attempts to fly.
- (2) Know the major historical contributors to the development of flight.
- (3) Know the contributions of the U.S. Air Force to modern aviation history.
- (4) Know the key events of space exploration history.
- (5) Know the importance of AFJROTC history, mission, purpose, goals and objectives.
- (6) Know military traditions & the importance of maintaining a high standard of dress & appearance
- (7) Know the importance of attitude, discipline, & respect, and why values & ethics are so important.
- (8) Know the importance of individual self-control, common courtesies & etiquette.
- (9) Analyze the elements of successful financial management skills
- (10) Create a plan for safeguard personal resources
- (11) Analyze different ways of pursuing a career path
- (12) Analyze the requirements for applying to a college or university
- (13) Analyze positive and negative impact of college life in meeting career goals
- (14) Evaluate the essential process for successfully pursuing desired career or job
- (15) Evaluate the benefits of working for the Federal Government
- (16) Create a plan for successful career development

4. Course Structure: AFJROTC is a course of study in aerospace science and leadership training. It is designed as a four year program; however, you may take one, two, three, or four years of the course elective/science credit towards graduation. We recommend that you start as a freshman; although, you may enroll at any point in your high school career. There are three major areas of study in each year’s course; academics, military leadership training and President’s Physical Fitness Program (PPF). You will normally attend academic classes on Tuesday and Thursday. Leadership training classes are normally scheduled on Monday and Wednesday. PPF or Wellness will normally be conducted on Friday. Except for special occasions, you will be required to wear the Air Force uniform every Wednesday. Assignments and tests are scheduled well in advance and information on academic assignments, as well as co-curricular activities will be provided to you.

5. Grading Procedures:

- a. Grades for AFJROTC are aligned with the school board’s standards:
 - A – 90% and above
 - B – 80% - 89%
 - C – 70% - 79%
 - D – 60% - 69%
 - F – 59% and below

b. Evaluation will be as follows:

Academics (Exams/Class work/ Projects)	40%
Leadership (Uniform/Leadership Labs)	40%
Wellness Education	20%

6. Expectations: This course will place special emphasis on self-discipline and self-reliance. Some of you may think we are too strict but *"try it, I think you'll like it."* In this regard, we can't make it too clear, you will have to meet certain standards of performance and discipline in order to be successful in this program.

a. The academic phase of the program includes portions dealing with civics, science, history, and social studies. The leadership phase has less of an academic focus but still requires a high degree of self-discipline and teamwork.

b. We, the AFJROTC instructors believe strongly in group and individual promptness, preparedness, attendance, participation, self-control, respect, and courtesy. Please make every effort to give these areas your utmost attention. As an example of promptness, you will be marked tardy if you are not by your assigned seat when your flight commander calls the flight to attention at the beginning of the class. When tardy is unexcused, you lose privileges and academic points which could adversely affect your overall JROTC grade.

c. Behavior and grooming standards will be strictly enforced. Like active duty service members, you will wear a regulation Air Force uniform and be required to maintain the same grooming standards. The pride you take in being *"the best that you can be"* will greatly enhance your self respect and promote better spirit within this unit. These standards will apply equally to all. Failure to meet these standards will hurt your course grade and if consistently ignored could result in your removal from the program. For first year students, don't panic, we will give you some time to learn the standards that are expected of you.

7. Core Credit: The school board has authorized substitution of core credit for successful completion of two years of Aerospace Science. Cadets that are authorized to substitute Aerospace Science credits for one credit of HOPE/Physical Education and one credit of Performing Arts. Additional AFJROTC courses beyond two years, will count as an elective.

8. Program Benefits: The potential benefits to you from AFJROTC are almost limitless. They include:

- Individual and group recognition in the form of medals and ribbons for outstanding performance.
- Upon graduation, possible entry into the military as an E-3 rather than E-1, with the accompanying increased pay and responsibilities, if you successfully complete at least 3 years of Junior ROTC.
- Improved college scholarship opportunities.
- Improved chances to attend military service academies provided you meet basic requirements for entry
- A chance to develop your leadership skills in real life situations by planning/directing the activities of potentially more than 100 cadets. Additionally, you can participate in a BHS organization that is totally dedicated to helping its member, the school, community and the nation.
- Improved self-confidence, self-discipline, and attention to detail.
- The chance to participate, on a voluntary basis, in numerous AFJROTC, co-curricular activities, such as, field trips to military and civilian facilities; formal military social events such as the Annual Military Ball, Parades, Awards Ceremony; precision military drill teams/color guards; Kitty Hawk Air Society (a national honor society); service projects throughout the school and community; field days; and trips to amusement parks.
- The opportunity to be a part of an outstanding organization, make friendships which will last a lifetime, and have a lot of fun!

9. Academic Schedule: We will be using "A Journey into Aviation History," "Leadership Skills and Career Opportunities," and "Drill and Ceremonies" texts. The following lists the major areas of study that we will cover this year.

A Journey into Aviation History

Ch 1	Ancient Flight
Ch 2	Pioneers of Flight
Ch 3	Expanding the Horizon
Ch 4	The Early Air Force
Ch 5	Commercial Flight
Ch 6	The Modern Air Force

LEADERSHIP SKILLS & CAREER OPPORTUNITES

Ch 1	Charting your Financial Course
Ch 2	Managing Your Resources
Ch 3	Explore Your Future
Ch 4	Aiming Towards a College Degree
Ch 5	Charting Your Course
Ch 6	Applying for Jobs
Ch 7	Evaluate the benefits of working for the Federal Government
Ch 8	Developing Your Career Skills

DRILL & CEREMONIES

Ch 1	Customs and Courtesies
Ch 2	Flag Honors
Ch 3	Introduction to Drill and Ceremonies
Ch 4	Drill Positions and Movements
Ch 5	Drill of the Flight
Ch 6	Marching Movements
Ch 7	Drill of the Squadron